Upon examination, it is evident that claims 29-50 inclusive are all dependent claims. Claims 29, 46, 47, 48 and 50 are herein amended to recite the limitations of base claim 21. As a result, claims 29-50 are in condition for allowance.

The Examiner is respectfully requested to telephone the undersigned should any questions remain concerning these submissions.

Favorable action and allowance is courteously solicited.

If any fees are required in connection with this case, it is respectfully requested that they be charged to Deposit Account No. 02-0184.

Respectfully submitted,

EVA MARIA MOSER

By _____
Jeffrey R. Ambroziak
Attorney for Applicant
Reg. No. 47,387

Area Code: 203
Telephone: 777-6628
Extension: 116
Telefax : 865-0297

Date: March 26, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on March 26, 2002
(Date of Deposit)

Antoinette Sulla
(Name and Reg. No. of Attorney)

Signature

3-26-02
Date of Signature

AMENDED CLAIMS

29. (Amended) [Process according to claim 21,] Process which comprises: coating substrates with a polar coating, wherein the coating takes place by means of plasma polymerization; including the step of employing a water-free process gas which contains at least one substituted hydrocarbon compound with up to a maximum of 8 C-atoms and also an inorganic gas, to produce a coating which is stable in the long term; and including the step of coating a substrate with 2 to 4 gases of the following: CO_2, CH_4, O_2, C_2H_2, NH_3 and Ar.

46. (Amended) [Process according to claim 21,] Process which comprises: coating substrates with a polar coating, wherein the coating takes place by means of plasma polymerization; including the step of employing a water-free process gas which contains at least one substituted hydrocarbon compound with up to a maximum of 8 C-atoms and also an inorganic gas, to produce a coating which is stable in the long term; and including the step of providing that the polar coating has an initial surface tension of < 45 mN/m, which remains unchanged for at least one year.

47. (Amended) [Process according to claim 21,] Process which comprises: coating substrates with a polar coating, wherein the coating takes place by means of plasma polymerization; including the step of employing a water-free process gas which contains at least one substituted hydrocarbon compound with up to a maximum of 8 C-atoms and also an inorganic gas, to produce a coating which is stable in the long term; and including the step of coating at least one of polymer flexible substrates, polymer substrates reinforced with ceramic fibers, glass fibers, polymer fibers and carbon fibers, and powder- or granulate-formed substrates, and producing one of a polar film and a polar molded body.

48. (Amended) [Process according to claim 21,] Process which comprises: coating substrates with a polar coating, wherein the coating takes place by means of plasma polymerization; including the step of employing a water-free process gas which contains at least one substituted hydrocarbon compound with up to a maximum of 8 C-atoms and also an inorganic gas, to produce a coating which is stable in the long term; and including the step of coating at least one of packing materials and substrates for adhesion of composite materials.

50. (Amended) [Process according to claim 21,] Process which comprises: coating substrates with a polar coating, wherein the coating takes place by means of plasma polymerization; including the step of employing a water-free process gas which contains at least one substituted hydrocarbon compound with up to a maximum of 8 C-atoms and also an inorganic gas, to produce a coating which is stable in the long term; and including the step of coating at least one of ceramic and metal substrates.